

الملحق (أ) المرفق قرار مجلس الوزراء رقم (110) لسنة 2023 بشأن النظام الإماراتي لمنتجات وأنظمة الطائرات بدون طيار  
قائمة المواصفات المرجعية

<b>International standards organization:</b>	
1	ISO 5015-2:2022 - Unmanned aircraft systems — Part 2: Operation of vertiports for vertical take-off and landing (VTOL) unmanned aircraft (UA)
2	ISO 21384-2:2021- Unmanned aircraft systems — Part 2: UAS components
3	ISO 21384-3:2019 - Unmanned aircraft systems — Part 3: Operational procedures
4	ISO 24356:2022 - General requirements for tethered unmanned aircraft systems
5	ISO 6858:2017 Aircraft — Ground support electrical supplies — General requirements
6	ISO/DIS 4358: Test methods for civil multi-copter unmanned aircraft system.
7	ISO/AWI TS 4584.2 - Improvement in the guideline for UA testing/design of accelerated lifecycle testing (ALT) for UAS/Sub-system/components
8	ISO/DIS 5110 - Test method for flight stability of multi-copter UAS under wind and rain conditions
9	ISO/CD 5286 - Test methods for flight performance of civil light weight and small fixed-wing UAS
10	ISO/CD 5305 - General requirement of noise measurement of lightweight and small multicopter unmanned aircraft systems (UAS)
11	ISO/CD 5309 - Vibration test methods for lightweight and small civil UAS
12	ISO/DIS 24352 - Technical requirements for small unmanned aircraft electric energy systems
13	ISO/DIS 24355 - General requirements of flight control system for civil small and light multicopter UAS
14	ISO 23629-8:2023 – UAS traffic management (UTM) – Part 8: Remote identification
<b>American Standards</b>	

15	SAE AS 6513A - Unmanned Systems (UxS) Control Segment (UCS) Architecture: Conformance Specification.
16	ASTM F3298-19 - Standard Specification For Design, Construction, And Verification Of Lightweight Unmanned Aircraft Systems (UAS).
17	ASTM F2910-14 - Unmanned Aircraft Systems - Standard Specification for Design and Construction of a Small Unmanned Aircraft System (sUAS).
18	ASTM F3116 - Standard Specification for Design Loads and Conditions.
19	ASTM F3227 - Specification for Environmental Systems in Small Aircraft
20	ASTM F3231- Specification for Electrical Systems in Small Aircraft
21	ASTM F3411-22a Standard Specification for Remote ID and Tracking
<b>IEC Standards</b>	
22	IEC 61508 Functional safety of electrical/electronic/programmable electronic safety-related systems
23	IEC 62133 (all parts): Secondary cells and batteries containing alkaline or other non-acid electrolytes — Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications
24	IEC 62368-1: Audio/video, information and communication technology equipment — Part 1: Safety requirements